



# DECOSPHAERA<sup>®</sup> TRANSPARENT 8 PC

## Chemical description

DECOSPHAERA<sup>®</sup> TRANSPARENT 8 PC is a matting agent obtained from a solvent-free industrial process based on a polycarbonate technology.

## Main use

DECOSPHAERA<sup>®</sup> TRANSPARENT 8 PC is suitable for the formulation of very low gloss finishes with soft hand, remarkable transparency, very good abrasion resistance and high resistance to scratch and polishing effect.

## Typical values

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Aspect: White powder

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pH (10%): 5 - 8

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Oil absorption: 70 – 120 %

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Dry content: 99 ± 1

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Bulk density: 400 – 700 g/l

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Particle size d(50): 5 – 8 µm

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## Product properties

The dosage of DECOSPHAERA<sup>®</sup> TRANSPARENT 8 PC in the varnish depends on the desired result for matt and haptic effect.

Due to the good overall compatibility, DECOSPHAERA<sup>®</sup> TRANSPARENT 8 PC can be used with any type of waterborne binders. Similar characteristics can also be obtained with solvent-based paints but compatibility is to be verified at the time of use with the help of specific wetting agents.

It can be incorporated in any phase of processing, as long as a suitable stirring is applied.

## Applications

Due to its granulometric features DECOSPHAERA<sup>®</sup> TRANSPARENT 8 PC is particularly indicated in the field of Wood, Flooring and Soft coatings.

It is recommended to use it in blends with traditional matting agents, such as silica or micronized waxes in order to enhance the characteristics of traditional technologies.

## Storage and handling

DECOSPHAERA<sup>®</sup> TRANSPARENT 8 PC is stable for 12 months after production date, provided it is kept in dry and cool areas, in original sealed boxes.

Suggested storage condition is between 5 and 30°C.

## Packaging

DECOSPHAERA<sup>®</sup> TRANSPARENT 8 PC is available in 5 kg or 20 kg boxes.

## Material safety

Please consult the safety data sheet of the product before use.

## Regulatory information

In case compliance with specific regulations is required please contact our sales representative.

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